PRODUCT INFORMATION

Common Name	SGN-35, cAC10-Val-Cit-MMAE
Synonyms	TNFRSF8;CD30;D1S166E;Ki-1
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Host Species	Chimeric
IgG type	IgG1
Reactivity	Human
Target	CD30
Uniprot ID	P28908
Description	Anti-CD30 (brentuximab biosimilar) mAb
Delivery	In Stock
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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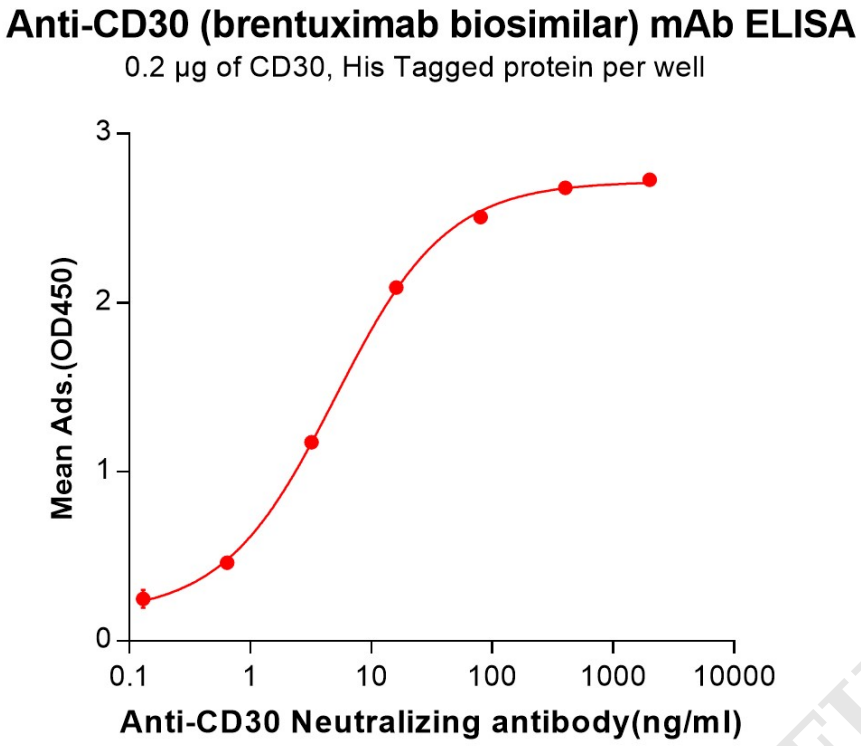

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μL/well) Human CD30, His tagged protein (PME100481) can bind Anti-CD30 Neutralizing antibody in a linear range of 0.13-80.0 ng/ml.

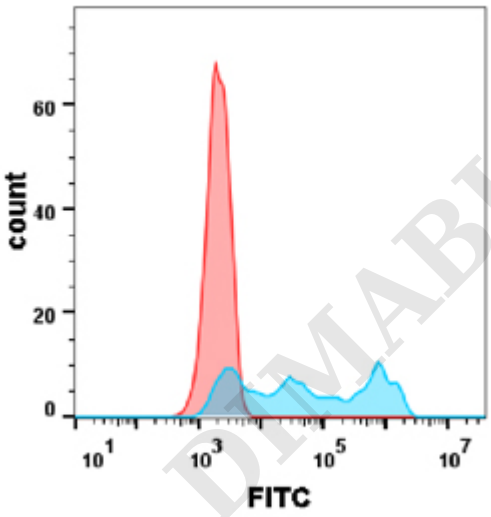

Figure 2. Flow cytometry analysis with Anti-CD30 (brentuximab) on Expi293 cells transfected with human CD30 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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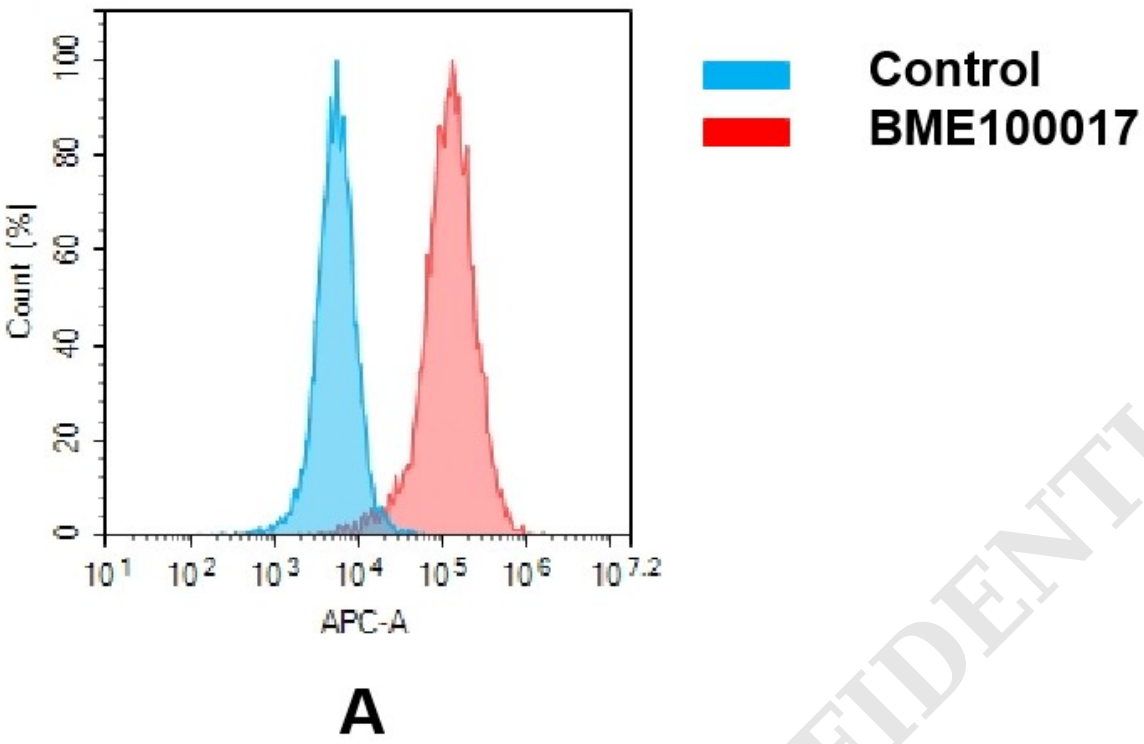

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Figure 3. Flow cytometry analysis of antigen binding of anti-human CD30 mAb(BME100017).
(A) A clear peak shift of BME100017 was seen compared to the control when incubated with CD30-expressing 8226 cells, indicating strong binding of BME100017 to CD30. Antibodies were incubated at 2 μg/mL.

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